

25X1

## REPORT NO.

## CD NO.

DATE DISTR. 6 Nov 1952

NO. OF PAGES 2

NO. OF ENCLS. 1  
(LISTED BELOW)

(A) 3 pages

SUPPLEMENT TO  
REPORT NO.

DATE OF INFORMATION

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS FORBIDDEN.

THIS IS UNEVALUATED INFORMATION

25X1

1. The Unified Steel Works, National Corporation, "Konev" Plant in Kladno, makes special steel products, such as rails, etc; these are exported primarily to the USSR. Among the factory products is a knife steel made expressly for the USSR. It is a special steel of a very high degree of hardness which has the form of a rhomboid, eight by ten meters in length. Production of this knife steel by the end of 1951 was planned as 900 quintals. To accomplish this, the factory worked in three shifts seven days a week.
2. Iron ore is either of domestic origin, coming from Nucice near Kladno, or is imported from Krivoi Rog in the USSR. The ore imported from the USSR is of very bad quality and contains some stone. Some Swedish ore is also used, but it is very scarce and is imported only in small quantities. Scrap metal of World War II, such as parts of armored cars, air bombs, automobile wrecks, cartridge and shell cases, is imported from East Germany. Each week two train loads of such material, each train made up of 20 cars, arrive from East Germany. Workers inspect this material for non-ferrous alloys and receive six crowns extra for one kilogram of such material. Large pieces of this material are cut autogenously into smaller pieces. Sometimes guns or cannons received are still loaded and explode. Many workers have been injured by the explosions, some even killed. Last year an air bomb exploded in the Martin furnace hall and destroyed the hall completely. Scrap iron is also collected by the children of Czechoslovakia and is assembled and shipped to the factory. As a reward for their collection efforts the children receive a piece of soap.
3. The plant has three blast furnaces. The first one is called "Mirova" (Peace Blast Furnace); the second one is called "Sjezdova" (Convention furnace); the third one is called "Furnace of May 9". The latter was solemnly inaugurated by Prime Minister Zapotocky on 9 May 51. A fourth blast furnace is under construction. The capacity of each blast furnace is 3,000 quintals of crude iron per 24 hours, and the furnace is emptied three times within three work shifts. From all three blast furnaces crude iron is poured into the mixing machines in order to obtain like quality. From the mixing machines the crude iron is poured into converters into ingots, each weighing eight quintals. From these ingots and after a further process, special steel of various kinds is obtained, eg, axle material, quadrangles, hexangles and round axles, railroad rails and the like.

**CLASSIFICATION SECRET**

25X1

STATE		X	NAVY	X	ARL	X	DISTRIBUTION												
ARMY		X	AIR	X	FBI	X							ORR	EV					

25X1

SECRET

25X1

4. The factory has twelve large locomotives, 30 narrow-gauge locomotives, 12 five-ton freight trucks, one tractor, three passenger cars and six electric battery lorries. It has its own railroad branch line attached to the main railroad Kladno-Mucice. It has its own electric power plant and generates its own electricity.
5. Although [ ] the financial status of the factory, it is generally believed that it is not favorable and that the factory operates at a loss. 25X1
6. The directorate of the Unified Steel Works is not located in the factory but in the "Poldina Hut" (Poldi Steel) plant. The directorate for the "Konev" plant is located directly in the factory. The Central Directory is Mr Poncar, former worker, about 43 years old, 160 centimeters tall, gray hair, bald in the front, a [ ] Communist. 25X1
7. About 18 thousand persons are employed in the factory. In addition to that, many brigades come to the factory, each brigade working there for 3-6 months. In October 1951 many administrative employees from government offices were transferred to the factory for manual work. Employees of the factory consist of 7,000 skilled workers, 2,880 administrative employees, and 1,800 women; the rest are auxiliary workers. The highest salary of a skilled worker is 15 thousand kcs a month. This salary, however, is received by very few employees. The lowest salary is about 3,000 kcs.
8. About 80% of the workers are card bearing Communists. However, only 15% of the employees can be considered true Communists. All others are members of the Communist Party only because of fear or compulsion.
9. The factory guard consists of 30 men wearing green uniforms and equipped with rifles and pistols. Members of the guard unit are mostly disabled workers. In addition to this there is a workers' militia consisting of 7,000 men. They wear uniforms of blue work clothes with red trim and are equipped with rifles and pistols which they are allowed to take home. Daily one platoon of the workers' militia consisting of 30 men participates in military training with arms. The platoon is equipped with one light machine gun. One platoon consisting of 30 men is in charge of guarding the factory daily. During holidays two platoons of the workers' militia are on duty.
10. Factory firemen are equipped with two motor fire engines and one jeep. There are 35 firemen in the factory. The firemen stay on duty for 12 hours and are then replaced by another shift.

- end -

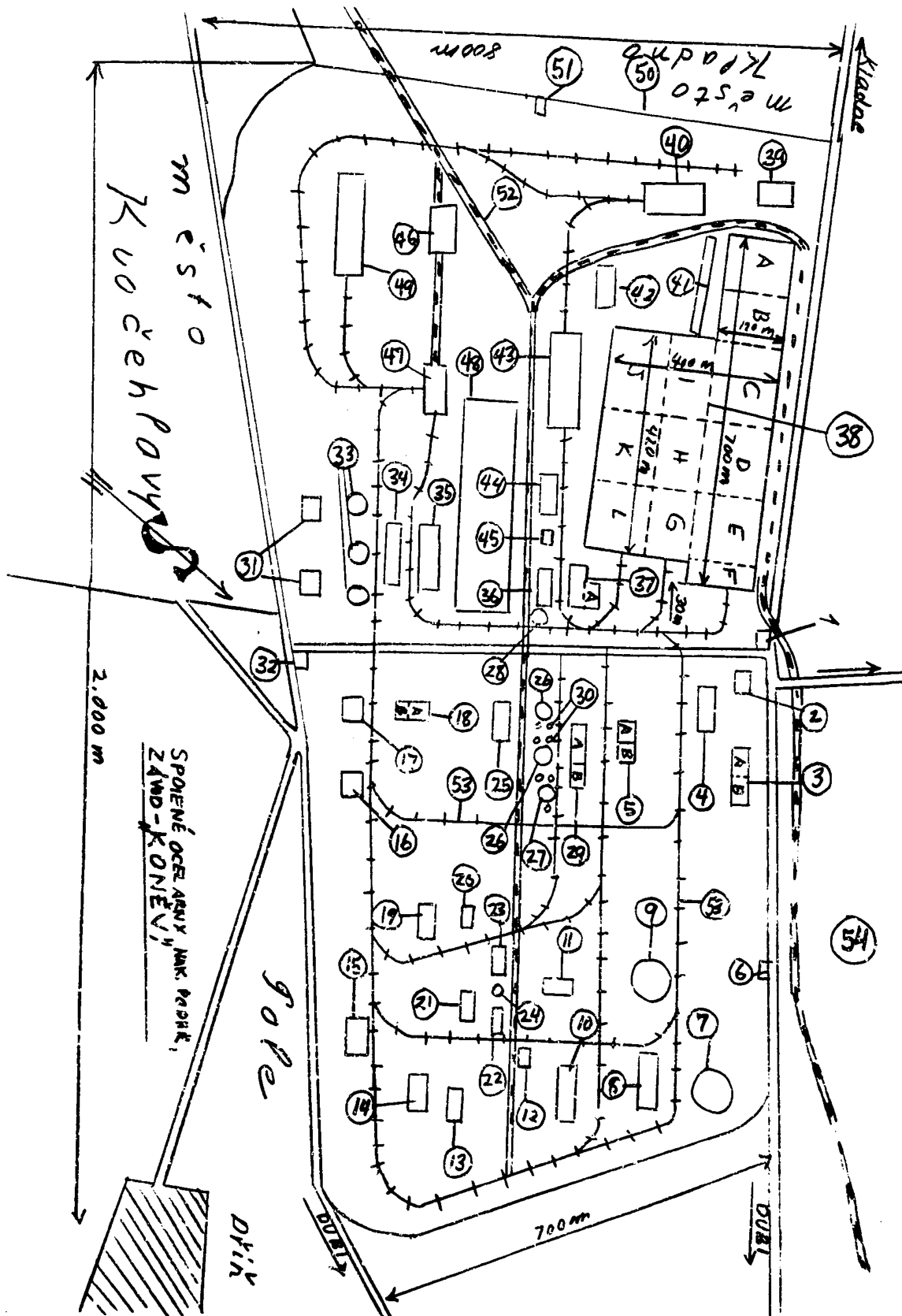
ENCLOSURE (A): Unified Steel Works, National Corporation, Plant "Konev" in Kladno, with Legend

SECRET

25X1

~~SECRET~~

UNITED STEEL WORKS, NATIONAL CORPORATION, PLANT "NORMAN" IN BLADING WITH LEGEND



**SECRET**

25x1

P. (A)

SECRET

25X1

## Legend

- 1... Main Gate No 1, a one-story wooden building, 8 x 8 meters where a factory guard consisting of three men and one woman is stationed.
- 2... Plant canteen, a two-story brick building with a flat roof, 18 x 18 meters.
- 3... A one-story brick building with tar paper roofing, 15 x 8 meters.
- 3a.. Garages for automobiles and fire station.
- 3b.. Locksmith shop.
- 4... Machine tool shop, a two-story steel and brick building with a tar paper roof. On the second floor are lockers and washrooms.
- 5... A brick and steel factory hall with a flat roof.
- 5a.. A Power plant.
- 5b.. Electric turbines. Each turbine has 3,200 revolutions per minute.
- 6... Gate No III, a one-story building, 6 x 6 meters, where three men of the factory guard are located.
- 7... Gas reservoir, 15 meters in diameter, 30 meters high. This gas reservoir was built in 1947.
- 8... Coke ovens hall of steel and brick construction. The roof has the shape of two reversed "W's". The building is partly covered by glass, partly by tar paper roofing, 40 x 25 x 18 meters. The factory hall is equipped with overhead travelling cranes.
- 9... Gas reservoir, 12 meters in diameter, 25 meters in height.
- 10... Slag brick works, a one-story brick building with a flat roof, 40 x 20 x 18 meters.
- 11... "Cleaning gas", a steel and brick factory hall, 15 x 8 x 15 meters. This factory hall was built in 1948, has a flat roof and is equipped with travelling cranes.
- 12... Water works, a one-story brick building with a flat roof. The size of the building is 12 x 6 meters. The water works is equipped with 12 electric pumps.
- 13... Storage shed for fire-clay bricks, 15 x 8 meters.
- 14... A three-story brick building, with a flat roof, 12 x 6 meters. On the first and second floors are washrooms and lockers; on the third floor are offices.
- 15... Cooling tower, made of wood and sheet metal, 16 x 6 x 15 meters.
- 16... Water basin, 8 x 8 x 4 meters
- 17... Water basin, 8 x 8 x 4 meters
- 18... Factory hall of steel and brick construction as described under point eight, 15 x 12 x 10 meters. This hall is equipped with travelling cranes.
- 18a.. Boiler room
- 18b.. Forge
- 19... Three gas blast furnaces.
- 20... "Cleaning gas", a one-story brick building, 10 x 6 meters.
- 21... Testing hall, a one-story brick building with tar paper roof, 10 x 6 meters
- 22... Forge, a one-story brick building, 16 x 7 x 12 meters. The building is equipped with travelling cranes.
- 23... Lubrication shop equipped with special facilities for lubricating conveyers with graphite. It is a one-story brick building with a felt roof.
- 24... Factory smokestack, 60 meters high.
- 25... One-story brick building with a felt roof, 12 x 8 x 12 meters. Here sand is stored for blast furnaces. A sand excavator for transportation of sand into blast furnaces is located here.
- 26... Blast furnace No III, called "Blast furnace of May 9". The blast furnace is made of fire clay bricks and armor plates, is 8 meters in diameter and 35 meters high.
- 27... Blast furnace No I, called "Sjzsdova" (convention blast furnace).
- 28... Blast furnace under construction.
- 29... Two-story building made of reinforced concrete with a slanted tar paper roof, 30 x 12. On the first floor iron ore, lime and coke are stored.
- 30... Air heater for the blast furnaces, made of sheet metal about 1.5 centimeters thick, filled inside with bricks 8 meters in diameter, 30 meters high.
- 31... Water reservoir, 8 x 5 meters, 4 meters deep.
- 32... Gate No II, a one-story wooden building, 6 x 6 meters. The guard consists of two men and one woman.
- 33... Three furnaces for lime, 10 meters in diameter, 30 meters high.
- 34... Storehouse for material, size 40 x 10 meters.
- 35... Mechanical workshop, a one-story brick building with a felt roof, 40 x 12 x 15 meters. The mechanical workshop is equipped with travelling cranes.
- 36... Foundry, a one-story building with a flat roof, 15 x 12 x 15 meters. The foundry is also equipped with travelling cranes.
- 37... Chemical laboratory, a one-story brick building, 30 x 12 meters.
- 37a.. Administrative offices, a two-story brick building, 25 x 10 meters
- 38... Rolling mill consisting of a factory hall made of steel and brick. The roof is part glass and part sheet metal.
- 38a.. Old Martin's furnaces
- 38b.. Four converters
- 38c.. Workshops for production of wire

SECRET

25X1

SECRET  
Page -5-

SECRET

25X1

- 38d... Medium production shops.
- 38e... Department "Warsaw", where steel axles are forged.
- 38f... Administrative office for the rolling mill.
- 38g... Production shops for ingots.
- 38h... Production shops for precision materials II.
- 38i... Production shops for precision materials I.
- 38j... Production shops for precision materials III.
- 38k... Production shops for crude materials II.
- 38l... Production shops for crude materials I.
- 39... Plant directorate, located in a three-story brick building, with a tile roof, 70 x 40 meters.
- 40... New rolling mill in a factory hall, made of steel and brick, 120 x 80 x 15 meters. The rolling mill is equipped with travelling cranes.
- 41... Platform for loading and unloading of material. Connected with the other parts of the factory by a railroad branch-line of standard gauge.
- 42... Mixing machines located in a steel and brick factory hall.  
It is a two-story building, 80 x 15 meters. In the first floor workshops with traveling cranes are located.
- 43... New Martin furnaces located in a factory hall, construction as described under Point eight, 200 x 60 x 18 meters. Martin's furnaces are 10 years old and are equipped with travelling cranes.
- 44... Open area for storing ingots.
- 45... A scale located in a one-story brick building, 8 x 4 meters
- 46... Car-barns for locomotives, a factory hall, construction as described under point eight, size 80 x 12 meters
- 47... Car-barns for narrow-gauge locomotives, construction as described under point eight.
- 48... Open storing area for bar-shape material 400 x 80 meters
- 49... Brick works for fire-clay bricks, a brick and steel factory hall, one-story with tar paper roof, 160 x 40 meters
- 50... Brick wall enclosing the plant, three meters high.
- 51... Gate No IV, a one-story building, 6 x 6 meters. The guard consists of three men of the factory guard
- 52... Railroad branch line, standard gauge
- 53... Railroad branch-line, narrow gauge
- 54... Unified Steel Works, National Corporation "Poldina Hut".

SECRET

25X1